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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/661,375	09/13/2000	Hannes Eberle	23453-020	8034

29315 7590 04/14/2004

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SUITE 900  
RESTON, VA 20190

EXAMINER

LERNER, MARTIN

ART UNIT	PAPER NUMBER
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2654

DATE MAILED: 04/14/2004

13

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/661,375

Applicant(s)

EBERLE ET AL.

Examiner

Martin Lerner

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 04 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 27 and 28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27 and 28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 September 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The Information Disclosure Statement filed 04 February 2004 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each U.S. and foreign patent; each publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered. Copies of the references were not found to accompany the Information Disclosure Statement filed 04 February 2004.

### ***Drawings***

2. In order to avoid abandonment, the drawing informalities noted in Paper No. 9, mailed on 05 September 2003, must now be corrected. Correction can only be effected in the manner set forth in the above noted paper. Drawing informalities are set forth in Form PTO-948, as an attachment to Page No. 9.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application

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by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 27 and 28 are rejected under 35 U.S.C. 102(e) as being anticipated by *Lumelsky*.

Regarding independent claims 27 and 28, *Lumelsky* discloses a method and system for singlecast interactive radio system, comprising:

“means for providing at least one voice service, to which a plurality of users may subscribe, that can output personalized content during an interactive voice broadcast” – in general, the singlecast interactive radio system 100 delivers digitized audio-based content to subscribers upon their request; the system preferably includes a plurality of user terminals (column 8, lines 37 to 46: Figure 1); associated with each user is a profile, which defines the user’s topics of interest (“personalized content”) (column 19, lines 53 to 56);

“means for generating content for the at least one voice service when the at least one voice service is executed” – content authoring tools enable content creators (e.g. news service providers) to produce a highly compressed voice-based information content, to be stored on data network (e.g. Internet) servers, such as the data repository 401 (column 8, lines 46 to 50: Figure 1);

“means for applying subscriber-specific personalization information for each subscriber of the at least one voice service to the generated content, so as to personalize the generated content for each subscriber, wherein personalized content for a subscriber is formatted into a unique active voice page generated for the subscriber” –

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personal radio station servers (PRSSs) 201 store multiple subscribers' profiles with topics of individual interest, and assembles content material from various Web sites according to topics (column 8, lines 50 to 53: Figure 1); associated with each user is a profile, which defines the user's topics of interest ("personalized content"); the profile content is typically defines in terms of a list of topic categories, e.g. international news, sports news, business news, etc. (column 19, lines 53 to 58); when a subsequent session is initiated, the user will receive all information listed in the user's list of topics, but only that information pertaining to the user selected topics of interest (column 10, line 63 to column 11, line 13); via a pre-fetching mechanism, i.e. using the profiles and noted access patterns of the user, the PRSS may anticipate which information may be of interest in the near future and retrieve such data so that the data is available at the PRSS upon user request; cache-based systems on the market include NetScape (column 20, lines 40 to 52); a user's list of topics of interest defines "a unique active voice page generated for the subscriber";

"means for initiating an outbound communication to the subscriber to establish an interactive voice broadcast with the subscriber" – personal radio station servers (PRSSs) 201 transmit the content to a subscriber's user terminal 301, on the subscriber's request, over the wireless network 403 (column 8, lines 50 to 55: Figure 1); there are preferably two distinct methods of information retrieval via the PRSS directory services; one method is based on assembling the information on all the topics of interest; when a subsequent session is initiated, the user will receive all information listed in the user's list of topics, but only that information pertaining to the user selected

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topics of interest; "push technology" permits a user to create a profile and to receive information on topics identified in his profile via the previously established search criteria (column 10, line 63 to column 11, line 30);

"means for presenting personalized content to the subscriber from the subscriber's unique active voice page during the interactive voice broadcast" – the user terminal 301 restores voice-based material with AM-radio voice quality or better (column 8, lines 55 to 57: Figure 1); the user terminal 301 receives a CES file(s) via the antenna 311, and decompression engine 314 synthesizes the voice using one or more recorded allophone dictionaries by text-to-speech synthesis; the user may pre-select the type of "voice" he wishes to have narrate the requested decompressed information (column 12, lines 16 to 45).

### ***Conclusion***

5. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicants' submission filed on 04 February 2004 has been entered.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Martin Lerner whose telephone number is (703) 308-

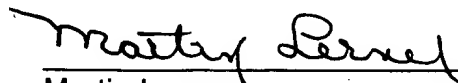
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9064. The examiner can normally be reached on 8:30 AM to 6:00 PM Monday to Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on (703) 305-9645. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ML  
4/8/04

  
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Martin Lerner  
Examiner  
Group Art Unit 2654